

**IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF DELAWARE**

AMPEX CORPORATION,

Plaintiff,

v.

EASTMAN KODAK COMPANY, ALTEK
CORPORATION and CHINON INDUSTRIES,
INC.,

Defendants.

C.A. No. 04-1373-KAJ

REDACTED

**APPENDIX TO DEFENDANTS EASTMAN KODAK COMPANY
AND ALTEK CORPORATION'S
RESPONSIVE CLAIM CONSTRUCTION BRIEF**

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and Altek Corporation*

Dated: June 9, 2006

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REGULAR UTILITYForm PTO-436
(Rev. 8/78)

SERIAL NUMBER (Series of 1979)	435115	PATENT DATE		PATENT NUMBER	
SERIAL NUMBER	06/435,115	FILING DATE	01/03/83	CLASS	34D
				SUBCLASS	707
				GROUP ART UNIT	236 264
				EXAMINER	B216/AN Couture

APPLICANT: ZENJI HARADA, HYOGO, JAPAN; OSAMU TERAOKA, OSAKA, JAPAN; TSUNFO MIKADO, TOKYO, JAPAN.

CONTINUING DATA***
VERIFIED

None

FOREIGN/PCT APPLICATIONS***
VERIFIED

None Japan 57-2531 11 January '82
" 57-6971 20 January '82

Foreign priority claimed 35 USC 119 conditions met	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	AS FILED	STATE OR COUNTRY	SHEETS DRWGS.	TOTAL CLAIMS	INDEP. CLAIMS	FILING FEE RECEIVED	ATTORNEY'S DOCKET NO.
Verified and Acknowledged	Examiner's Initials	JPX	3	5	1	\$ 300.00	TS-25/E221	

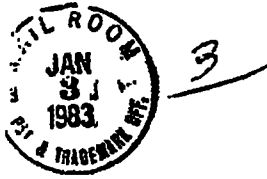
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WOODCOCK, WASHBURN, KURTZ, MACKIEWICZ
& MORRIS, 1PCD UNIFIED ENGINEERS BLDG.
30 SOUTH 17TH ST.
PHILADELPHIA, PA 19103

TITLE: PICTURE PROCESSING SYSTEM

U.S. DEPT. of COMM.-Pat. & TM Office - PTO-436L (rev. 10-77)

AX203767

PARTS OF APPLICATION FILED SEPARATELY					PREPARED FOR ISSUE	
					(Assistant Examiner)	(Docket Clerk)
AT ALLOWANCE					EXAMINED AND PASSED FOR ISSUE	
SHEETS DRWGS.	FIGURES DRWGS.	CLAIMS	CLASS	SUBCLASS	(Primary Examiner)	(Art Unit)
RETENTION LABEL					Estimate of printed pages	
					Drawing(s)	Spec(s)
					Issue fee due (est.)	
RETENTION LABEL					Notice of allowance and issue fee due (est.)	
					Date mailed	Date paid



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Title: PICTURE PROCESSING SYSTEM

Inventors: Zenji Harada, Osamu Teraoka and
Tsuneo Mikado

AX203770

01/07/83 453115

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B-002

BACKGROUND OF THE INVENTION

Field of the Invention

This invention relates to a picture processing apparatus for selecting a desired picture from a plurality of still pictures formed on a monitor screen by means of selecting means and rearranging them in a desired order.

Description of the prior art

A picture display system for reproducing digital information representative of a plurality of still pictures (about 100 fields, for example) recorded in a disk type recording medium and displaying it on a monitor has been well known as prior art. Such a system as this is generally used, in a TV station for example, for a programming apparatus of a picture on-air control system by which programs in a predetermined order arranged in advance are automatically progressed by use of a plurality of VTRs. In this programming apparatus picture or character information representative of the contents of each program such as news program or ^{commercial} commercial program is recorded in a floppy disk and the like in the form of one still picture information. This information is rearranged in the desired order while reading it out at the time of making the program. The picture on-air control system is controlled with the rearranged information.

In this type of programming apparatus it generally takes approximately 0.4 sec to reproduce the still picture of one field, and a time interval of 1.6 sec is required for the case of color picture consisting of four fields in

The outputs of the picture memory 2 are also provided to a "squeezer" 4. The squeezer 4 has a specific function to reduce or squeeze the picture size to one-fourth the original and is so constructed that three scanning lines are thinned out of four scanning lines and three sampling points on the scanning line are thinned out of four sampling points at the time of analog/digital conversion, for example. The outputs of the squeezer 4 are fed to the disk type recording/reproducing apparatus 3 and recorded in a predetermined part, that is, tracks assigned for index recording.

In reproduction operation, the outputs reproduced from the index track in the disk type recording/reproducing apparatus 3 are first supplied to an index memory 5, and recorded therein as information for one index screen. The outputs of the index memory 5 are then delivered to a D/A converter 7 through a changeover device 6 and converted therein to analog picture signals. The outputs of the D/A converter 7 are applied to a monitor television (TV) and then displayed on a screen thereof.

As clearly indicated in Fig. 2, the screen 12 of the monitor TV is divided into a plurality of ^{segments} segments (in this example, 16 segments) and each of the squeezed still pictures is displayed on each of the segments (1 to 16). To the respective segments, the reference numerals 1 to 16 are assigned by superimposing them on the pictures, or by noting down them on a transparent plate located in front of the screen. In this example, the screen 12 including a group of squeezed still pictures and reference numerals will be used as an index screen.

Like these, the required information can be selected

UNITED STATES INTERNATIONAL TRADE COMMISSION
WASHINGTON, D.C.

Before the Honorable Robert L. Barton, Jr.
Administrative Law Judge

In the Matter of

CERTAIN DIGITAL IMAGE
STORAGE AND RETRIEVAL
DEVICES

)
)
)
) **Inv. No. 337-TA-527**
)
)
)

EXPERT REPORT OF JAMES STORER

REDACTED



REDACTED



REDACTED



REDACTED



REDACTED



REDACTED

**Contains Confidential Business Information
Subject to Protective Order**

231. I reserve the right to revise, supplement or amend my opinions in light of any additional information that I might receive after the date of this report including but not limited to rebuttal reports submitted by Ampex.

A handwritten signature in black ink, appearing to read "James A. Storer". The signature is written in a cursive, flowing style.

Dated: May 10, 2005

James A. Storer

CX-1562C-1-73

**UNITED STATES INTERNATIONAL TRADE COMMISSION
WASHINGTON, D.C.**

**Before the Honorable Robert L. Barton, Jr.
Administrative Law Judge**

In the Matter of

CERTAIN DIGITAL IMAGE
STORAGE AND RETRIEVAL
DEVICES

Investigation No. 337-TA-527

REBUTTAL TESTIMONY OF DR. GEORGE T. LIGLER

REDACTED

B-012



REDACTED

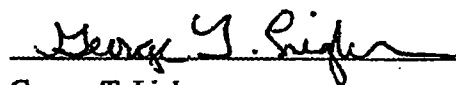
REDACTED

IX. CONCLUSION

Q: Does this witness statement contain your answers to the questions set forth herein?

A: Yes.

Dated: July 28, 2005


George T. Ligler

CONFIDENTIAL INFORMATION, SUBJECT TO PROTECTIVE ORDER

IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF DELAWARE

AMPEX CORPORATION,)	
)	
<i>Plaintiff,</i>)	
)	
v,)	C.A. 04-1373 (KAJ)
)	
EASTMAN KODAK COMPANY,)	
ALTEK CORPORATION, and)	REDACTED
CHINON INDUSTRIES, INC.,)	
)	
<i>Defendants.</i>)	
)	
)	

DISCLOSURE OF EXPERT REBUTTAL TESTIMONY
OF ALAN CAVALLERANO

REDACTED



REDACTED



REDACTED



REDACTED

REDACTED

X. EXHIBITS TO BE USED

208. I have not yet finalized any exhibits and demonstrative evidence for trial, but I may do so pursuant to the schedule set out by the Court.

Date: April 11, 2006

Alan Cavallerano
Alan Cavallerano

Alan Cavallerano

05/03/2006

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IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF DELAWARE

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AMPEX CORPORATION,

Plaintiff,

-against-

C.A. No.
04-1371-KAJ

EASTMAN KODAK COMPANY, ALTEK
CORPORATION and CHINON INDUSTRIES,
INC.,

Defendants.

**CERTIFIED ORIGINAL
LEGALINK BOSTON**

-----x

May 3, 2006
9:08 a.m.

Videotaped Deposition of ALAN
CAVALLERANO, taken by Defendants,
pursuant to Notice, at the offices of
Wilmer Cutler Pickering Hale and Dorr
LLP, 399 Park Avenue, New York, New
York, before ERIC J. FINZ, a Shorthand
Reporter and Notary Public within and
for the State of New York.

Alan Cavallerano

05/03/2006

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ALAN CAVALLERANO

achieve the operations of this invention, that that other path, that other connection, could not, let's say, interfere with or in some way alter the intent of the invention.

Q. Okay. But you agree that the size reducer can be coupled to the disk store?

MR. BEAMER: Objection; contradicts previous testimony, asked and answered.

A. Again, what the size reducer is connected to, in addition to the frame store, is in my expert opinion -- could be irrelevant. Depending upon what that path does.

Q. Does the invention exclude systems in which the size reducer is coupled to something other than the frame store?

MR. BEAMER: Asked and answered.

A. Merely having a connection to something else is not what I'd be

36:03 1 ALAN CAVALLERANO

11:36:06 2 concerned with. It would be what that
11:36:08 3 other path is doing.

11:36:09 4 Q. Okay. So you agree that
11:36:12 5 the invention is not limited to systems
11:36:14 6 in which the size reducer is coupled
11:36:29 7 only to the frame store; correct?

11:36:30 8 A. That's possible, depending
11:36:32 9 on the nature of these other
11:36:33 10 connections.

11:36:37 11 Q. Okay. And were you aware,
11:36:39 12 when you drafted your expert report,
11:36:43 13 that the applicant specifically added
11:36:46 14 the connection shown in the sole figure
11:36:49 15 of the '121 patent between the size
11:36:52 16 reducer and the disk store?

11:36:59 17 A. I'm not sure of when that
11:37:02 18 did or didn't take place.

11:37:03 19 Q. That's not really my
11:37:06 20 question. My question is, when you
11:37:09 21 reached the expert opinions set forth
11:37:11 22 in your expert report, were you aware
11:37:15 23 that the applicant specifically amended
11:37:18 24 the figure, the '121 patent, to add the
25 connection that's shown between size

40:48 1 ALAN CAVALLERANO

16:40:53 2 in, by definition there are not reduced
16:40:55 3 sized images on that external disk.

16:40:58 4 Q. Right. So the full size
16:41:02 5 images first entered the '121 system
16:41:09 6 and they were stored on disk; correct?

16:41:10 7 MR. BEAMER: Objection.

16:41:14 8 A. I want to make sure I
16:41:16 9 understand. The disk already contained
16:41:18 10 the full sized image.

16:41:20 11 Q. Let me ask a better
16:41:23 12 question. In the scenario you're
16:41:27 13 referring to in paragraph 146, that you
16:41:30 14 say is covered by the invention of the
16:41:32 15 '121 patent, reduced sized images are
16:41:37 16 generated from full size images that
16:41:39 17 are stored on disk; correct?

16:41:42 18 A. They may be.

16:41:44 19 Q. And the reduced sized
16:41:48 20 images are generated after those full
16:41:51 21 sized images have been stored on disk;
16:41:52 22 correct?

16:41:54 23 A. By definition, because the
16:41:56 24 disk was pulled in from some external
25. source as opposed to what we know from

ALAN CAVALLERANO

the teachings of the '121 patent and
the file history and statements of
novelty from the patent examiner, that
the full sized images in all cases,
when the full sized image is input to
the system as a full size image, not
from some external disk that one may
not wish to corrupt, that in those
cases we would need to -- in all cases
need to generate the reduced size image
so that then we can reap the benefits
of this particular invention.

**Q. In the scenario you're
discussing in paragraph 146, the
reduced size images are generated from
full size images that have already been
stored on disk; correct?**

**A. That has to be the case.
Because we brought the disk from the
outside.**

**Q. And that scenario, in your
expert opinion, is covered by the
invention of the '121 patent; correct?**

MR. BEAMER: Objection;

Alan Cavallerano

05/03/2006

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43:06 1 ALAN CAVALLERANO

16:43:06 2 vague.

16:43:08 3 A. When you say covered, it's
16:43:10 4 covered to the extent that I'm told
16:43:15 5 that the size reducer may -- may be
16:43:18 6 employed for that case to generate the
16:43:20 7 reduced sized image.

16:43:21 8 Q. Well, you specifically say
16:43:25 9 in paragraph 146 that the invention
16:43:31 10 covers the system in which reduced
16:43:33 11 sized images are generated from those
16:43:36 12 full sized images that have already
16:43:37 13 been stored on disk; correct?

16:43:43 14 A. Yes, that's correct.

16:44:09 15 Q. Now, if the '121 invention
16:44:12 16 covers scenarios in which the full size
16:44:14 17 image is stored on disk before a
16:44:18 18 reduced size image is generated, why
16:44:21 19 doesn't the '121 invention cover the
16:44:23 20 Paint Box system which stores full size
16:44:27 21 images on disk before reduced size
16:44:29 22 images are generated?

16:44:31 23 A. When you say covers, can you
16:44:36 24 be more specific as to what you're
25 referring to?

ALAN CAVALLERANO

C E R T I F I C A T E

STATE OF NEW YORK)

: ss.

COUNTY OF NEW YORK)

I, ERIC J. FINZ, a Shorthand
Reporter and Notary Public within and
for the State of New York, do hereby
certify:

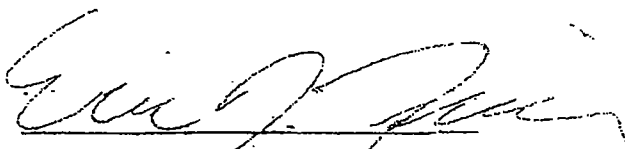
That ALAN CAVALLERANO, the witness
whose deposition is hereinbefore set
forth, was duly sworn by me and that
such deposition is a true record of the
testimony given by the witness.

I further certify that I am not
related to any of the parties to this
action by blood or marriage, and that I
am in no way interested in the outcome
of this matter.

IN WITNESS WHEREOF, I have hereunto
set my hand this 8 day of

May, 2006.

**CERTIFIED ORIGINAL
LEGALINK BOSTON**



ERIC J. FINZ

IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF DELAWARE

AMPEX CORPORATION,)
)
Plaintiff,)
)
v.) Civil Action
) Number 04-1373 KAJ
EASTMAN KODAK COMPANY,)
ALTEK CORPORATION, and)
CHINON INDUSTRIES,)
INC.,)
)
Defendants.)

Videotape deposition of CHARLES G.
BONCELET, JR., taken pursuant to notice at the law
offices of Prickett, Jones & Elliott, 1310 King
Street, Wilmington, Delaware, beginning at 9:37 a.m.,
on Wednesday, April 26, 2006, before Julie H. Parrack,
Registered Merit Reporter, Certified Realtime Reporter
and Notary Public.

APPEARANCES:

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ROPES & GRAY
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Palo Alto, California 94301-1917
On behalf of Plaintiff

CALVIN WALDEN, ESQUIRE
MONICA GREWAL, ESQUIRE
WILMER, CUTLER, PICKERING, HALE and DORR, LLP
399 Park Avenue
New York, New York 10022
On behalf of Defendants

ALSO PRESENT: WILLIAM FREEMAN (Morning Session Only)
CAROL FEELEY, VIDEOGRAPHER
ANDY BUCKMASTER, VIDEOGRAPHER

WILCOX & FETZER
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(302) 655-0477



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CERTIFICATE

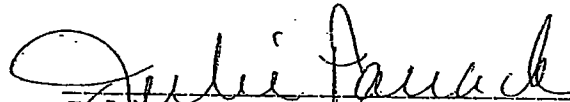
STATE OF DELAWARE)
)
NEW CASTLE COUNTY)

CERTIFICATE OF REPORTER

I, Julie H. Parrack, Registered Professional Reporter and Notary Public, do hereby certify that there came before me on the 26th day of April, 2006, the deponent herein, CHARLES G. BONCELET, JR., who was duly sworn by me and thereafter examined by counsel for the respective parties; that the questions asked of said deponent and the answers given were taken down by me in Stenotype notes and thereafter transcribed by use of computer-aided transcription and computer printer under my direction.

I further certify that the foregoing is a true and correct transcript of the testimony given at said examination of said witness.

I further certify that I am not counsel, attorney, or relative of either party, or otherwise interested in the event of this suit.


Julie H. Parrack, RMR, CRR
Certification No. 102-RPR
(Expires January 31, 2008)

DATED: 5/4/06



UNITED STATES DISTRICT COURT

DISTRICT OF DELAWARE

Civil Action No.

04-1373-KAJ

AMPEX CORPORATION,

Plaintiff,

v.

EASTMAN KODAK COMPANY, ALTEK

CORPORATION and CHINON

INDUSTRIES, INC.,

CERTIFIED COPY

Defendants.

VIDEOTAPED DEPOSITION OF DIETER

W. PREUSS, PhD, a witness called on behalf of
the Plaintiff, taken pursuant to the Federal
Rules of Civil Procedure, before Maureen
O'Connor Pollard, RPR, CLR, and Notary Public
within and for the Commonwealth of
Massachusetts, at the offices of Ropes & Gray,
LLP, One International Place, Boston,
Massachusetts, on the 5th of May, 2006,
commencing at 9:29 o'clock a.m.



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B-030

DIETER W. PREUSS, Ph.D. May 5, 2006

11:22:03 1 A. On the disk it could not be detected
11:22:07 2 anymore. You would have to know that the image
11:22:09 3 was coming from a video source, yes, and you
11:22:14 4 could determine whether it was a video image.

11:22:18 5 Q. Under your definition of the term
11:22:20 6 video as set forth in paragraph 39 of your
11:22:23 7 expert report, do you have an opinion as to
11:22:25 8 whether the Hell Chromacom system operated with
11:22:27 9 video images, video data, and video pixel data?

11:22:32 10 MR. HIRSCH: Objection.

11:22:37 11 A. It did not operate with video images
11:22:41 12 and video pixel data.

11:22:42 13 BY MR. SCHOENHARD:

11:22:44 14 Q. Please direct your attention to
11:22:46 15 paragraph 42 on page fifteen of your expert
11:22:49 16 report.

11:22:50 17 Do you see that paragraph?

11:22:52 18 A. Paragraph 42?

11:22:54 19 Q. Paragraph 42 on page fifteen of your
11:22:56 20 expert report.

11:22:57 21 A. Yes.

11:22:58 22 Q. What do you mean by "each of the image
11:23:01 23 memories had separate input and output ports"?

11:23:09 24 MR. HIRSCH: You're reading from

Dieter W. Preuss, PhD

05/05/2006

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1 COMMONWEALTH OF MASSACHUSETTS)

2 SUFFOLK, SS.)

3
4 I, MAUREEN O'CONNOR POLLARD, RPR, CLR,
5 and Notary Public in and for the Commonwealth of
6 Massachusetts, do certify that on the 5th day of
7 May, 2006, at 9:29 o'clock, the person
8 above-named was duly sworn to testify to the
9 truth of their knowledge, and examined, and such
10 examination reduced to typewriting under my
11 direction, and is a true record of the testimony
12 given by the witness. I further certify that I
13 am neither attorney, related or employed by any
14 of the parties to this action, and that I am not
15 a relative or employee of any attorney employed
16 by the parties hereto, or financially interested
17 in the action.

18 In witness whereof, I have hereunto
19 set my hand this 6th day of May, 2006.

20
21 

22 REGISTERED PROFESSIONAL REPORTER
23
24

CERTIFICATE OF SERVICE

I hereby certify that on June 15, 2006, I electronically filed Redacted Appendix to Defendants Eastman Kodak Company and Altek Corporation's Responsive Claim Construction Brief with the Clerk of the Court using CM/ECF which will send notification of such filing to the following:

Jack B. Blumenfeld, Esquire
Julia Heaney, Esquire
Morris, Nichols, Arsht & Tunnell
1201 N. Market Street
P.O. Box 1347
Wilmington, Delaware 19899

I hereby certify that on June 15, 2006, I have forwarded the above-noted document to the following as noted below:

VIA E-MAIL

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Ropes & Gray LLP
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New York, NY 10020

VIA E-MAIL & FEDERAL EXPRESS

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Palo Alto, CA 94301

VIA E-MAIL & HAND DELIVERY

Jack B. Blumenfeld, Esquire
Julia Heaney, Esquire
Morris, Nichols, Arsht & Tunnell
1201 N. Market Street
P.O. Box 1347
Wilmington, Delaware 19899

/s/ Collins J. Seitz, Jr.
Collins J. Seitz, Jr. (Bar No. 2237)
Connolly Bove Lodge & Hutz LLP
P.O. Box 2207
1007 North Orange Street
Wilmington, DE 19899